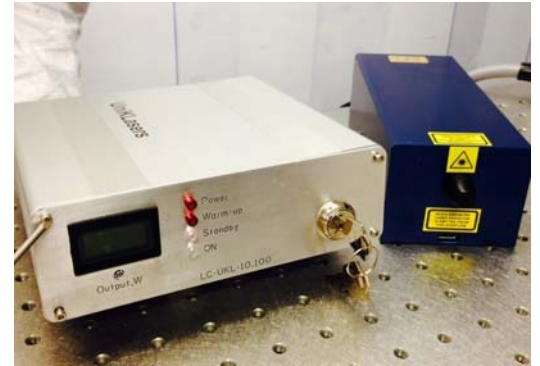


BRaMMS Duetto 355/XXX

- from 10mW to 100mW output power at 355nm SLM
- feedback locked Single Longitudinal Mode CW operation
- mode hops and lock loss free
- very low noise performance, < 0.1% rms
- excellent beam quality from smallest footprint
- lowest power consumption for given output

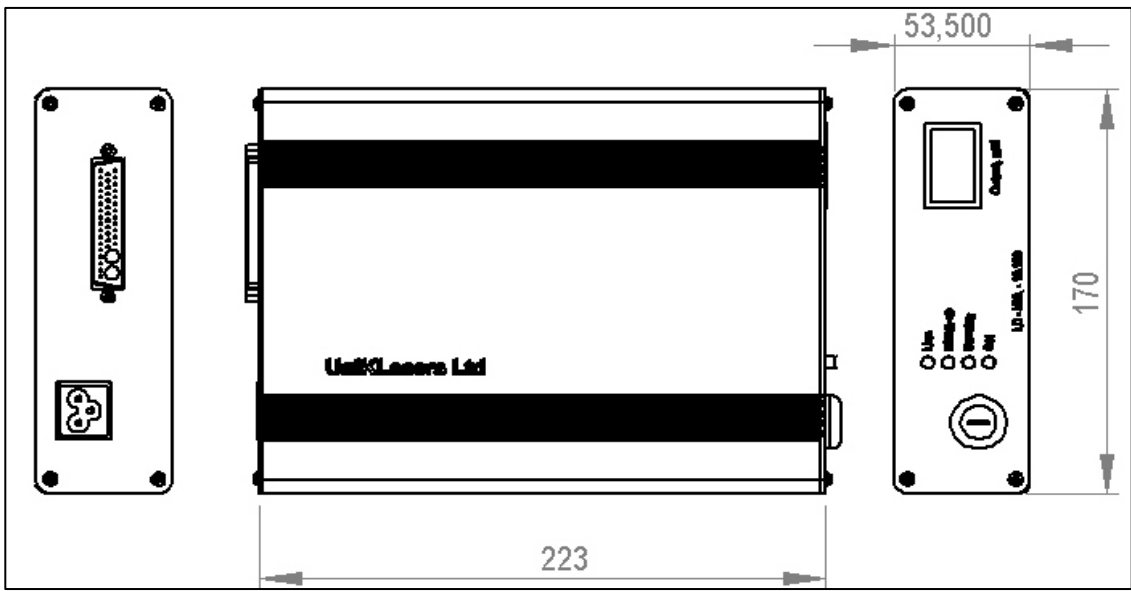
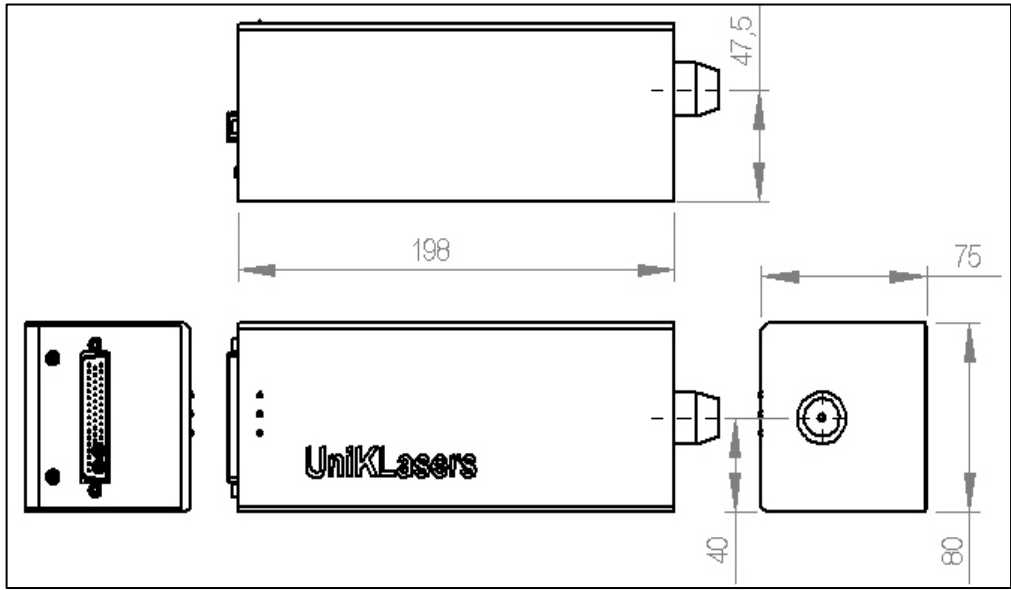


BRaMMS - Duetto 355/50

	<i>Units</i>	
Output Beam Parameters:		
Output Power (CW)	mW	10-100
Wavelength	nm	355
Output Beam Diameter, TEM ₀₀	mm	0.8
Beam Divergence	mrad	< 1, diffraction limited
Beam Pointing Stability	µrad/°C	≤ 5
Longitudinal Mode Structure		SLM
Line Width	MHz	< 0.5
Line Spectral Position Stability	MHz (pm)	+/- 50 (+/-0.2) within 4 hrs of CW operation
Coherence Length	m	> 100
Mode Hops Free Fine Tuning Range	GHz	25 - 30 (optional)
Polarisation		Linear, Vertical; ≥100:1
Output Power Noise	%	≤ 0.1rms, ≤ 1p-p (10Hz - 10MHz)
Output Power Stability	%	≤2, within any 4 hours of CW operation
Environmental:		
Working Temperatures	°C	15 - 35, conductive cooling via mounting interface
Storage Temperatures	°C	-20 to 75
Humidity	%	5 -95, non-condensing
Warm up time	min	<15
Dimensions and Electrical:		
Operating Voltage	VAC	90 to 240
Frequency	Hz	50-60
Power Consumption	W	<50
<i>Fixed output power turnkey system, CW operation, factory aligned and sealed. Specification may be subject to change without notice.</i>		

BRaMMS Duetto 355/XXX Laser Head and Controller Dimensional Specification

Up to 100mW: Laser Head 80x 75x 198mm; Controller 170x 53.5x 223mm



Distributed in the US and Canada by:
Laserand, Inc.
Montreal, QC, CANADA
+1 (514) 452-4693

sales@laserand.com
www.laserand.com